

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY
 (Includes Reference to PCT International Applications)

Attorney's Docket No.
 5367-154PUS

As a below named inventor, I hereby declare that:

10/526214

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SEMICONDUCTOR OPTICAL PUMPING DEVICE FOR RADIATION EMISSION AND THE
 PRODUCTION METHOD THEREOF**

the specification of which (check only one item below)

- is attached hereto
- was filed as United States application

Serial No. 10/526,214
 on 4 March 2005
 and was amended in the Preliminary Amendment filed concurrently with the application
 on (if applicable).

- was filed as PCT international application

Number PCT/DE2003/002728
 on 13 August 2003
 and was amended under PCT Article 19
 on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN/PCT APPLICATIONS AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

Country (if PCT, indicate "PCT")	Application Number	Date of Filing (day, month, year)	Priority Claimed Under 35 U.S.C. 119	
Germany	102 41 192.1	5 September 2002	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
PCT	PCT/DE2003/002728	13 August 2003	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)			Attorney's Docket No. 5367-154PUS
<p>POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) at <i>Cohen, Pontani, Lieberman & Pavane</i> to prosecute this application and transact all business in the Patent and Trademark Office connected therewith</p> <p style="text-align: center;">Customer number 27799</p>			
Send correspondence to <i>Cohen, Pontani, Lieberman & Pavane</i> at the address for the following customer Number: 27799			Direct Telephone calls to: (name and telephone number) Thomas Langer (212) 687-2770
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.</p>			
201	FULL NAME OF INVENTOR	FAMILY NAME KARNUTSCH	FIRST GIVEN NAME Christian
	RESIDENCE, CITIZENSHIP	CITY <i>Karlsruhe</i> DE	STATE OR FOREIGN COUNTRY Germany
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Schneidemühlerstrasse 16c	CITY Karlsruhe
202	FULL NAME OF INVENTOR	FAMILY NAME LINDER	FIRST GIVEN NAME Norbert
	RESIDENCE, CITIZENSHIP	CITY Wenzenbach	STATE OR FOREIGN COUNTRY Germany
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Keilbergstrasse 31	CITY Wenzenbach
203	FULL NAME OF INVENTOR	FAMILY NAME LUFT	FIRST GIVEN NAME Johann
	RESIDENCE, CITIZENSHIP	CITY Wolfsegg	STATE OR FOREIGN COUNTRY Germany
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Ahornstrasse 1	CITY Wolfsegg
204	FULL NAME OF INVENTOR	FAMILY NAME LUTGEN	FIRST GIVEN NAME Stephan
	RESIDENCE, CITIZENSHIP	CITY Regensburg	STATE OR FOREIGN COUNTRY Germany
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Weissbraühausgasse 2a	CITY Regensburg
205	FULL NAME OF INVENTOR	FAMILY NAME SCHMID	FIRST GIVEN NAME Wolfgang
	RESIDENCE, CITIZENSHIP	CITY Deuerling/Hillohe	STATE OR FOREIGN COUNTRY Germany
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Flurweg 6	CITY Deuerling/Hillohe

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SIGNATURE OF INVENTOR 201 <i>Christian Lamuth</i>	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203	
DATE <i>June 02, 2005</i>	DATE	DATE	
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206	
DATE	DATE	DATE	
Additional inventor(s) name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

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2 0 1	FULL NAME OF INVENTOR	FAMILY NAME KARNUTSCH	FIRST GIVEN NAME Christian	SECOND GIVEN NAME
	RESIDENCE, CITIZENSHIP	CITY Karlsruhe	STATE OR FOREIGN COUNTRY Germany	COUNTRY OF CITIZENSHIP Germany
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Schneidemühlerstrasse 16c	CITY Karlsruhe	STATE & ZIP CODE/COUNTRY 76139 Germany
2 0 2	FULL NAME OF INVENTOR	FAMILY NAME LINDER	FIRST GIVEN NAME Norbert	SECOND GIVEN NAME
	RESIDENCE, CITIZENSHIP	CITY <u>Wenzenbach</u> <i>QEX</i>	STATE OR FOREIGN COUNTRY Germany	COUNTRY OF CITIZENSHIP Germany
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Keilbergstrasse 31	CITY Wenzenbach	STATE & ZIP CODE/COUNTRY 93173 Germany
2 0 3	FULL NAME OF INVENTOR	FAMILY NAME LUFT	FIRST GIVEN NAME Johann	SECOND GIVEN NAME
	RESIDENCE, CITIZENSHIP	CITY Wolfsegg	STATE OR FOREIGN COUNTRY Germany	COUNTRY OF CITIZENSHIP Germany
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Ahornstrasse 1	CITY Wolfsegg	STATE & ZIP CODE/COUNTRY 93195 Germany
2 0 4	FULL NAME OF INVENTOR	FAMILY NAME LUTGEN	FIRST GIVEN NAME Stephan	SECOND GIVEN NAME
	RESIDENCE, CITIZENSHIP	CITY Regensburg	STATE OR FOREIGN COUNTRY Germany	COUNTRY OF CITIZENSHIP Germany
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Weissbraühausgasse 2a	CITY Regensburg	STATE & ZIP CODE/COUNTRY 93047 Germany
2 0 5	FULL NAME OF INVENTOR	FAMILY NAME SCHMID	FIRST GIVEN NAME Wolfgang	SECOND GIVEN NAME
	RESIDENCE, CITIZENSHIP	CITY Deuerling/Hillohe	STATE OR FOREIGN COUNTRY Germany	COUNTRY OF CITIZENSHIP Germany
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Flurweg 6	CITY Deuerling/Hillohe	STATE & ZIP CODE/COUNTRY 93180 Germany

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SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202 <i>Norbert Linsler</i>	SIGNATURE OF INVENTOR 203
DATE	DATE <i>07 June 2005</i>	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE
Additional inventor(s) name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

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Customer number 27799

Send correspondence to *Cohen, Pontani, Lieberman & Pavane* at the address for the following customer Number: **27799**

Direct Telephone calls to:
 (name and telephone number)
**Thomas Langer
 (212) 687-2770**

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	RESIDENCE, CITIZENSHIP	CITY <u>Wenzenbach</u>	STATE OR FOREIGN COUNTRY <u>Germany</u>	COUNTRY OF CITIZENSHIP <u>Germany</u>
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2 0 3	FULL NAME OF INVENTOR	FAMILY NAME <u>LUFT</u>	FIRST GIVEN NAME <u>Johann</u>	SECOND GIVEN NAME
	RESIDENCE, CITIZENSHIP	CITY <u>Wolfsegg</u> <i>DFX</i>	STATE OR FOREIGN COUNTRY <u>Germany</u>	COUNTRY OF CITIZENSHIP <u>Germany</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>Ahornstrasse 1</u>	CITY <u>Wolfsegg</u>	STATE & ZIP CODE/COUNTRY <u>93195 Germany</u>
2 0 4	FULL NAME OF INVENTOR	FAMILY NAME <u>LUTGEN</u>	FIRST GIVEN NAME <u>Stephan</u>	SECOND GIVEN NAME
	RESIDENCE, CITIZENSHIP	CITY <u>Regensburg</u> <i>DFX</i>	STATE OR FOREIGN COUNTRY <u>Germany</u>	COUNTRY OF CITIZENSHIP <u>Germany</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>Weissbrauhäusgasse 2a</u>	CITY <u>Regensburg</u>	STATE & ZIP CODE/COUNTRY <u>93047 Germany</u>
2 0 5	FULL NAME OF INVENTOR	FAMILY NAME <u>SCHMID</u>	FIRST GIVEN NAME <u>Wolfgang</u>	SECOND GIVEN NAME
	RESIDENCE, CITIZENSHIP	CITY <u>Deuerling/Hillohe</u> <i>DFX</i>	STATE OR FOREIGN COUNTRY <u>Germany</u>	COUNTRY OF CITIZENSHIP <u>Germany</u>
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SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203	
DATE	DATE	DATE <i>June 07/2005</i>	
SIGNATURE OF INVENTOR 204 <i>Stephan Burgen</i>	SIGNATURE OF INVENTOR 205 <i>Wally Syl</i>	SIGNATURE OF INVENTOR 206	
DATE <i>7 June 2005</i>	DATE <i>8 June 2005</i>	DATE	
Additional inventor(s) name(s) & address(es) attached? [] Yes [x] No			